Application No.  10/788,739  Examiner	Applicant(s)  TZENG ET AL.
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Examiner	A4 1114
	Art Unit
PHUC T. DANG	2818
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T. DANG PP	ngshur
	corrections on the cover sheet with the cost (OR REMAINS) CLOSED in this application is subject (RIGHTS). This application is subject (IS) and MPEP 1308.  The Examiner.  The Examiner of this application in the communication to file a replication.  The Examiner of this application.  The Examiner of the Examiner of the drawn of the header according to 37 CFR 1.121.  The Examiner of the Examiner

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## **DETAILED ACTION**

## Examiner's Statement of Reasons for Allowance

- 1. Claims 1-20 are allowed.
- 2. The following is an examiner's statement of reasons for allowance:

None of the prior art teaches a method for reducing peeling of a cross-linked polymer passivation layer in a solder bump formation process comprising the step of <u>subjecting the</u> semiconductor process wafer to at least one <u>subsequent thermal treatment temperature above Tg</u> for a period of time to form an uppermost passivation layer in combination with the other steps found in the independent method claims 1.

None of the prior art teaches a method for reducing peeling of a polyimide polymer passivation layer in a solder bump formation process comprising the step of <u>subjecting the semiconductor process wafer to a thermal curing treatment comprising a treatment temperature greater than about 40°C above Tg for a period of time to form an uppermost passivation layer in combination with the other steps found in the independent method claims 14.</u>

- 3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuc T. Dang whose telephone number is (571) 272-1776. The examiner can normally be reached on 8:00 am-5:00 pm.
- 4. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David C. Nelms can be reached on (571) 272-1787. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Phuc T. Dang

PD Langshur Primary Examiner

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